

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	532	423/610.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 14:02
L13	227	12 and anatase	US-PGPUB; USPAT	OR	OFF	2008/06/02 14:02
L14	202	13 and acid	US-PGPUB; USPAT	OR	OFF	2008/06/02 14:03
L15	195	14 and water	US-PGPUB; USPAT	OR	OFF	2008/06/02 14:03
L16	124	15 and "pH"	US-PGPUB; USPAT	OR	OFF	2008/06/02 14:03
L17	101	16 and (disperse or disperses or dispersion or dispersions or dispersed or dispersing)	US-PGPUB; USPAT	OR	OFF	2008/06/02 14:04
L18	99	17 and temperature	US-PGPUB; USPAT	OR	OFF	2008/06/02 14:04
L19	40	18 and substrate	US-PGPUB; USPAT	OR	OFF	2008/06/02 14:05
L20	21	19 and (photocatalytic or "photo-catalytic" or "photo catalytic")	US-PGPUB; USPAT	OR	OFF	2008/06/02 14:05
L21	11	20 and transparent	US-PGPUB; USPAT	OR	OFF	2008/06/02 14:06
L22	8	21 and (layer or layers or layering or layered)	US-PGPUB; USPAT	OR	OFF	2008/06/02 14:06
L23	114	langlet	US-PGPUB; USPAT	OR	OFF	2008/06/02 15:32
L24	1	23 and vautey	US-PGPUB; USPAT	OR	OFF	2008/06/02 15:32
L25	520	423/608.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 15:42
L26	232	25 and (titania or "titanium oxide" or "tio. sup.2" or tio2 or "tiosup.2" or "tio.sup2" or "tio.sub.2" or "tiosub.2" or "tio.sub2")	US-PGPUB; USPAT	OR	OFF	2008/06/02 15:43
L27	240	25 and (titania or "titanium oxide" or "tio. sup.2" or tio2 or "tiosup.2" or "tio.sup2" or "tio.sub.2" or "tiosub.2" or "tio.sub2" or "titanium dioxide")	US-PGPUB; USPAT	OR	OFF	2008/06/02 15:43
L28	70	27 and anatase	US-PGPUB; USPAT	OR	OFF	2008/06/02 15:46

L29	56	28 and acid	US-PGPUB; USPAT	OR	OFF	2008/06/02 15:46
L30	52	29 and water	US-PGPUB; USPAT	OR	OFF	2008/06/02 15:46
L31	35	30 and "pH"	US-PGPUB; USPAT	OR	OFF	2008/06/02 15:46
L32	18	31 and substrate	US-PGPUB; USPAT	OR	OFF	2008/06/02 15:47
L33	28	31 and (disperse or dispersed or dispersion or dispersions or dispersed or dispersing)	US-PGPUB; USPAT	OR	OFF	2008/06/02 15:47
L34	14	33 and substrate	US-PGPUB; USPAT	OR	OFF	2008/06/02 15:47
L35	79	423/611.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 17:23
L36	66	35 and (titania or "titanium oxide" or "tio. sup.2" or tio2 or "tiosup.2" or "tio.sup2" or "tio.sub.2" or "tiosub.2" or "tio.sub2" or "titanium dioxide")	US-PGPUB; USPAT	OR	OFF	2008/06/02 17:23
L37	41	36 and anatase	US-PGPUB; USPAT	OR	OFF	2008/06/02 17:23
L38	38	37 and (acid or acids)	US-PGPUB; USPAT	OR	OFF	2008/06/02 17:24
L39	38	38 and water	US-PGPUB; USPAT	OR	OFF	2008/06/02 17:24
L40	23	39 and "pH"	US-PGPUB; USPAT	OR	OFF	2008/06/02 17:24
L41	18	40 and (disperse or dispersed or dispersion or dispersions or dispersed or dispersing)	US-PGPUB; USPAT	OR	OFF	2008/06/02 17:24
L42	5	41 and substrate	US-PGPUB; USPAT	OR	OFF	2008/06/02 17:25
L43	135	423/612.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:13
L44	51	43 and anatase	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:13
L45	50	44 and (titania or "titanium oxide" or "tio. sup.2" or tio2 or "tiosup.2" or "tio.sup2" or "tio.sub.2" or "tiosub.2" or "tio.sub2" or "titanium dioxide")	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:13
L46	47	45 and (acid or acids)	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:13

L47	30	46 and "pH"	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:13
L48	30	47 and water	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:14
L49	12	48 and substrate	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:14
L50	26	48 and (disperse or dispersed or dispersion or dispersions or dispersed or dispersing)	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:14
L51	11	50 and substrate	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:14
L52	204	423/69.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:22
L53	105	52 and (titania or "titanium oxide" or "tio. sup.2" or tio2 or "tiosup.2" or "tio.sup2" or "tio.sub.2" or "tiosub.2" or "tio.sub2" or "titanium dioxide")	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:22
L54	30	53 and anatase	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:22
L55	20	54 and "pH"	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:22
L56	13	55 and (disperse or dispersed or dispersion or dispersions or dispersed or dispersing)	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:22
L57	13	56 and (acid or acids)	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:23
L58	13	57 and water	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:23
L59	3	58 and substrate	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:23
L60	237	423/274.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:28
L61	21	60 and (titania or "titanium oxide" or "tio. sup.2" or tio2 or "tiosup.2" or "tio.sup2" or "tio.sub.2" or "tiosub.2" or "tio.sub2" or "titanium dioxide")	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:28
L62	8	61 and anatase	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:28
L63	2	62 and substrate	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:28
L64	2	63 and (disperse or dispersed or dispersion or dispersions or dispersed or dispersing)	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:29

L65	2	64 and "pH"	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:29
L66	272	423/275.ccls.	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:30
L67	33	66 and (titania or "titanium oxide" or "tio. sup.2" or tio2 or "tiosup.2" or "tio.sup2" or "tio.sub.2" or "tiosub.2" or "tio.sub2" or "titanium dioxide")	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:30
L68	4	67 and anatase	US-PGPUB; USPAT	OR	OFF	2008/06/02 18:30
S1	581	423/610	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:01
S2	0	423/610.000	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:01
S3	512	423/610.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:01
S4	68438	titanium oxide	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:07
S5	324	anatase titanium oxide	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:07
S6	21	S1 and S5	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:08
S7	20	S3 and S5	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:24
S8	377	photocatalytic coating	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:24
S9	17	S5 and S8	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:25
S10	1	coating agent and photo- catalytic and transparent film	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:25
S11	597	423/608	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:26
S12	0	423/608.ccls	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:26
S13	502	423/608.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:26
S14	12	S5 and S11	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:26
S15	11	S5 and S13	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:26
S16	9	photo-catalytic coating	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:29
S17	17	S8 and S5	US-PGPUB; USPAT	ADJ	ON	2007/12/04 12:30

S18	513	423/610.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:26
S19	6709	stable solution	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:34
S20	325	anatase titanium oxide	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:34
S21	3	S19 and S20	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:34
S22	325	anatase near titanium oxide	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:38
S23	6	S22 near solution	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:38
S24	1	S22 near substrate	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:48
S25	3028	anatase same titanium oxide	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:48
S26	303	S25 same substrate	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:48
S27	143	S26 and photocatalytic	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:48
S28	89	S26 same photocatalytic	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:48
S29	13	S28 same solution	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:49
S30	0	S28 same SiO2	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:51
S31	9	S28 same (silica or silicon oxide or silicon dioxide)	US-PGPUB; USPAT	ADJ	ON	2007/12/12 09:51
S32	99	substrate same photocatalytic layer	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:14
S33	15	S32 same titanium oxide	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:14
S34	4	solution near anatase titanium oxide	US-PGPUB; USPAT	ADJ	ON	2007/12/13 12:59
S35	4	anatase titanium oxide near photocatalytic	US-PGPUB; USPAT	ADJ	ON	2007/12/13 13:03
S36	38	anatase titanium oxide same photocatalytic	US-PGPUB; USPAT	ADJ	ON	2007/12/13 13:05
S37	14	S36 same solution	US-PGPUB; USPAT	ADJ	ON	2007/12/13 13:05
S38	0	S36 same stable solution	US-PGPUB; USPAT	ADJ	ON	2007/12/13 13:05
S39	2	S36 and stable solution	US-PGPUB; USPAT	ADJ	ON	2007/12/13 13:05
S40	3	anatase titanium oxide and stable solution	US-PGPUB; USPAT	ADJ	ON	2007/12/13 13:08

S41	1	anatase titanium oxide same stable solution	US-PGPUB; USPAT	ADJ	ON	2007/12/13 13:08
S42	0	("2006/0008412").URPN.	USPAT	ADJ	ON	2007/12/13 13:08
S43	206	titanium oxide and stable solution	US-PGPUB; USPAT	ADJ	ON	2007/12/13 13:09
S44	3	titanium oxide same stable solution	US-PGPUB; USPAT	ADJ	ON	2007/12/13 13:09
S45	10	titanium oxide and stable solution and photocatalytic	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:15
S46	70610	titanium and organic solvent and acid and water	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:20
S47	20650	titanium oxide and organic solvent and acid and water	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:20
S48	20650	titanium oxide and organic solvent and acid and water	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:20
S49	1289	S48 and pH and anatase	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:21
S50	12	S49 and stable solution	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:21
S51	679	photocatalytic near (coating or layer)	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:22
S52	17	S51 near titanium oxide	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:22
S53	513	423/610.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:22
S54	225	S53 and titanium oxide	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:22
S55	141	S54 and anatase	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:22
S56	46	S55 and organic solvent	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:23
S57	43	S56 and dispers\$4	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:23
S58	41	S56 and (dispersed or dispersing or dispersion or dispersions)	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:23
S59	40	S58 and acid	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:24
S60	38	S59 and solution	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:24
S61	0	S59 and stable solution	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:24
S62	0	S59 and stable solution	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:24
S63	18	S60 and stable	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:24

S64	886	titanium oxide same photocatalytic	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:25
S65	53	S64 and S53	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:25
S66	163	S64 same solution	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:25
S67	15	S66 and S53	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:25
S68	206	titanium oxide and stable solution	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:26
S69	17	S68 and anatase	US-PGPUB; USPAT	ADJ	ON	2007/12/13 17:26
S70	2	"6576589"	US-PGPUB; USPAT	ADJ	ON	2007/12/14 10:08
S71	3	"6576589"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2007/12/14 10:10
S72	24	"378279"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2007/12/14 10:13
S73	1	1999-40463	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2007/12/14 10:34
S74	0	"199940463"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2007/12/14 10:35
S75	62	peptized near solution	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2007/12/14 11:26
S76	3	S75 near (stable or stablizing or stabilized)	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2007/12/14 11:26
S77	5	S75 same (stable or stablizing or stabilized)	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2007/12/14 11:27
S78	158	anatase titanium oxide	EPO; JPO; DERWENT	ADJ	ON	2007/12/14 11:29
S79	2	S78 and peptized	EPO; JPO; DERWENT	ADJ	ON	2007/12/14 11:29
S80	333	photocatalytic coating	EPO; JPO; DERWENT	ADJ	ON	2007/12/14 11:31
S81	102	S80 and titanium oxide	EPO; JPO; DERWENT	ADJ	ON	2007/12/14 11:31
S82	2	S80 and anatase titanium oxide	EPO; JPO; DERWENT	ADJ	ON	2007/12/14 11:31
S83	0	"10195341"	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:33
S84	0	"JP 10195341"	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:33

S85	25	photocatalytic coating material	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:33
S86	0	photocatalytic coating same ((stable or stabilized) near solution)	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:39
S87	377	photocatalytic coating	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:39
S88	17648	(stable or stabilizing or stabilized) near solution	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:39
S89	0	S87 same S88	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:39
S90	2	S87 and S88	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:39
S91	211	S87 and titanium oxide	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:41
S92	91	S87 same titanium oxide	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:41
S93	8	S87 near titanium oxide	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:41
S94	51	"5,874,701"	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:43
S95	52	"5,961,843"	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:45
S96	39	"6,191,062"	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:46
S97	43	"5,939,194"	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:49
S98	105	"6,013,372"	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:50
S99	131	S87 and pH	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:51
S100	7	S87 same pH	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:51
S101	0	ROC Patent "No." "349981"	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:53
S102	189	ROC Patent	US-PGPUB; USPAT	ADJ	ON	2007/12/14 11:53
S103	4	"349981"	EPO; JPO; DERWENT	ADJ	ON	2007/12/14 11:55
S104	1555	stable solution	EPO; JPO; DERWENT	ADJ	ON	2007/12/14 11:59
S105	333	photocatalytic coating	EPO; JPO; DERWENT	ADJ	ON	2007/12/14 11:59
S106	0	S104 and S105	EPO; JPO; DERWENT	ADJ	ON	2007/12/14 11:59
S107	7480	photocatalytic	EPO; JPO; DERWENT	ADJ	ON	2007/12/14 11:59



S108	2	S104 and S107	EPO; JPO; DERWENT	ADJ	ON	2007/12/14 11:59
S109	6714	stable solution	US-PGPUB; USPAT	ADJ	ON	2007/12/14 12:00
S110	377	photocatalytic coating	US-PGPUB; USPAT	ADJ	ON	2007/12/14 12:00
S111	2837	photocatalytic	US-PGPUB; USPAT	ADJ	ON	2007/12/14 12:00
S112	21	S109 and S111	US-PGPUB; USPAT	ADJ	ON	2007/12/14 12:00
S113	15	S112 and pH	US-PGPUB; USPAT	ADJ	ON	2007/12/14 12:01

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